

**TRENCH DETAIL** **INSTALLATION WITHOUT TRENCHING**

**NOTES:**

1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT.
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

FILE: SILTFENC

**SILT FENCE**

NOT TO SCALE

All Disturbed Areas To Be Revegetated As Follows:

|                     |                       |
|---------------------|-----------------------|
| Hay Mulch           | 2 Bales/1000 sq. ft.  |
| Ground Limestone    | 138 lb./1000 sq. ft.  |
| Fertilizer 10-20-20 | 18.4 lb./1000 sq. ft. |
| SEED MIX            |                       |
| Creeping Red Fescue | 0.46 lb./1000 sq. ft. |
| Red Top             | 0.05 lb./1000 sq. ft. |
| Tall Fescue         | 0.46 lb./1000 sq. ft. |

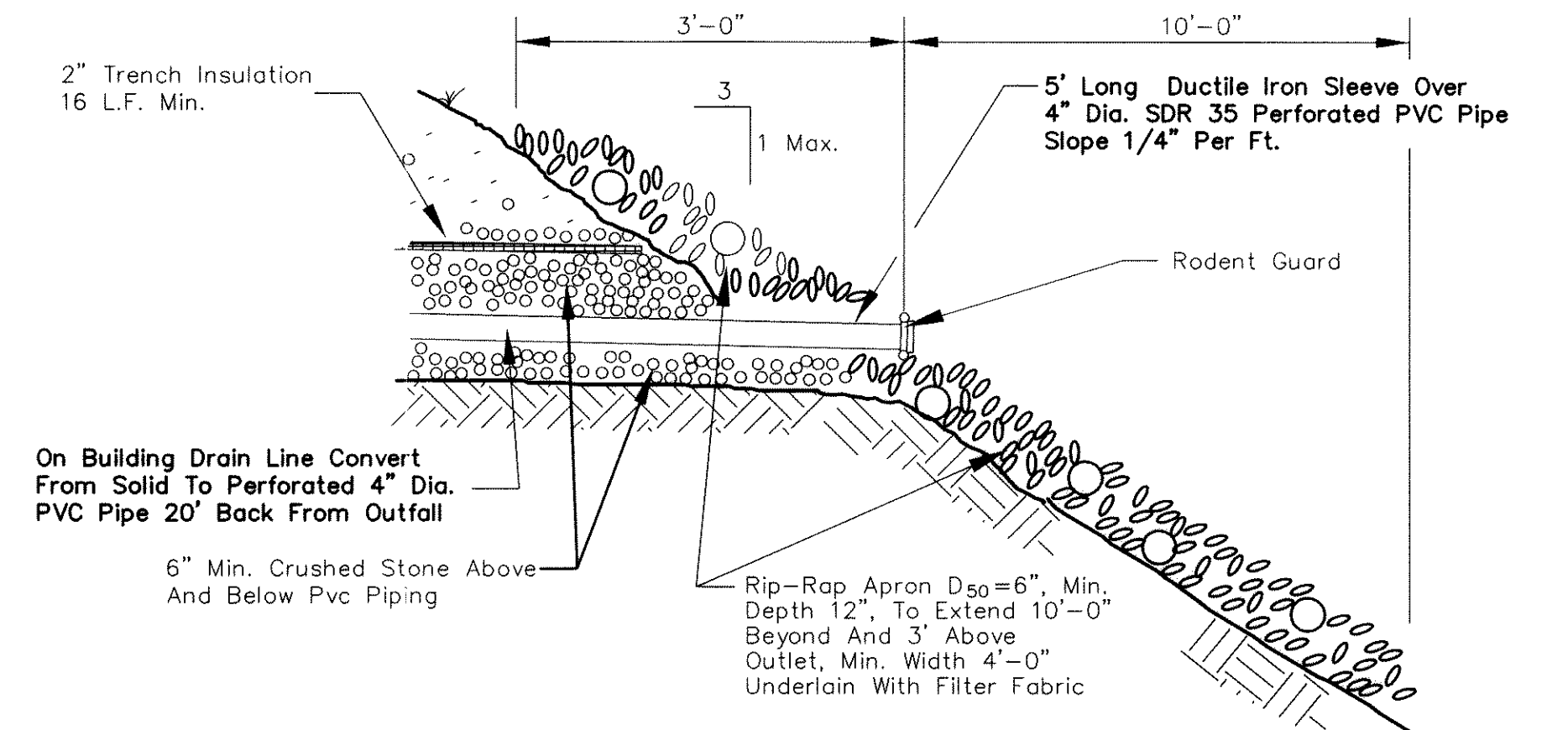
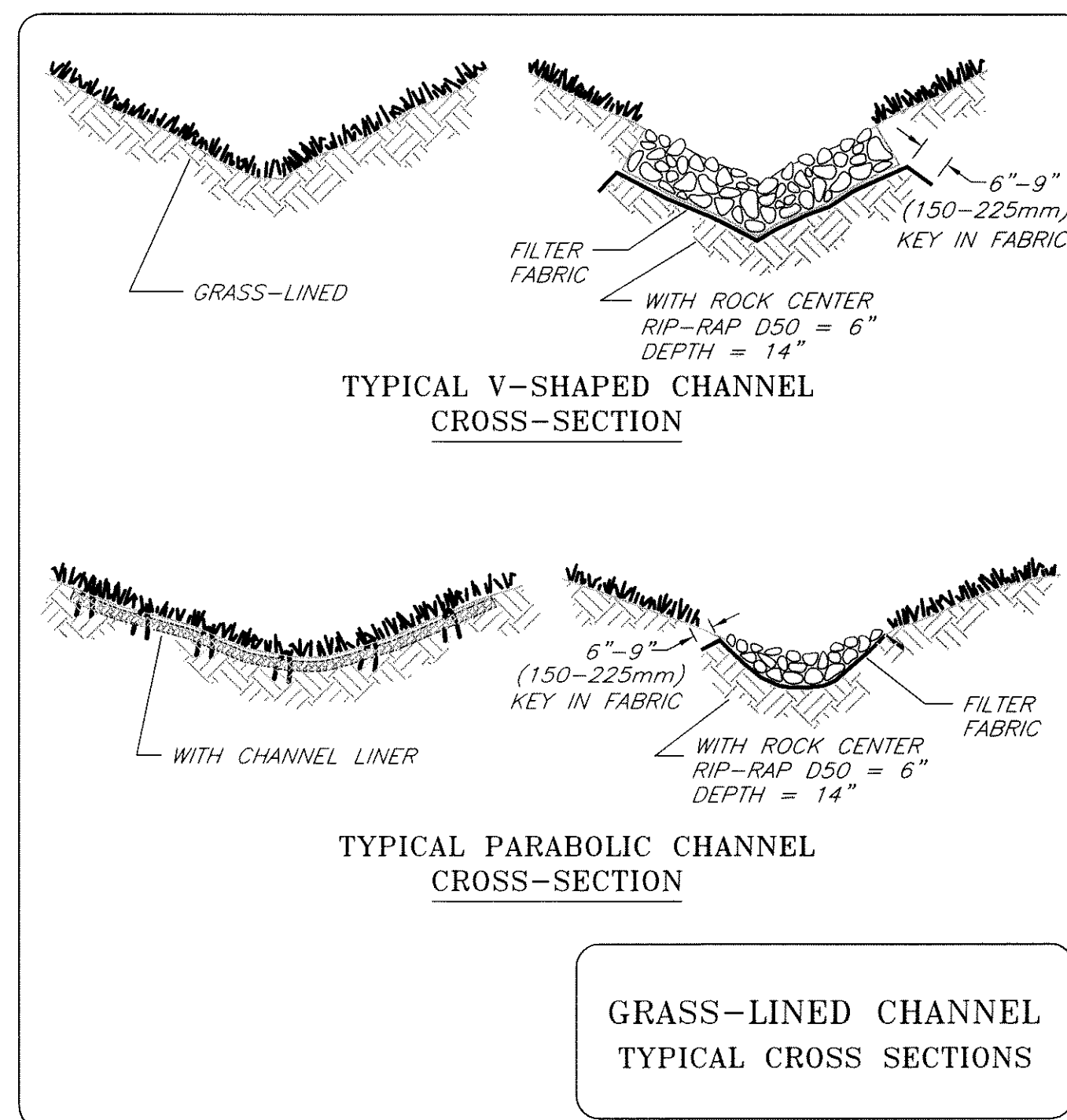
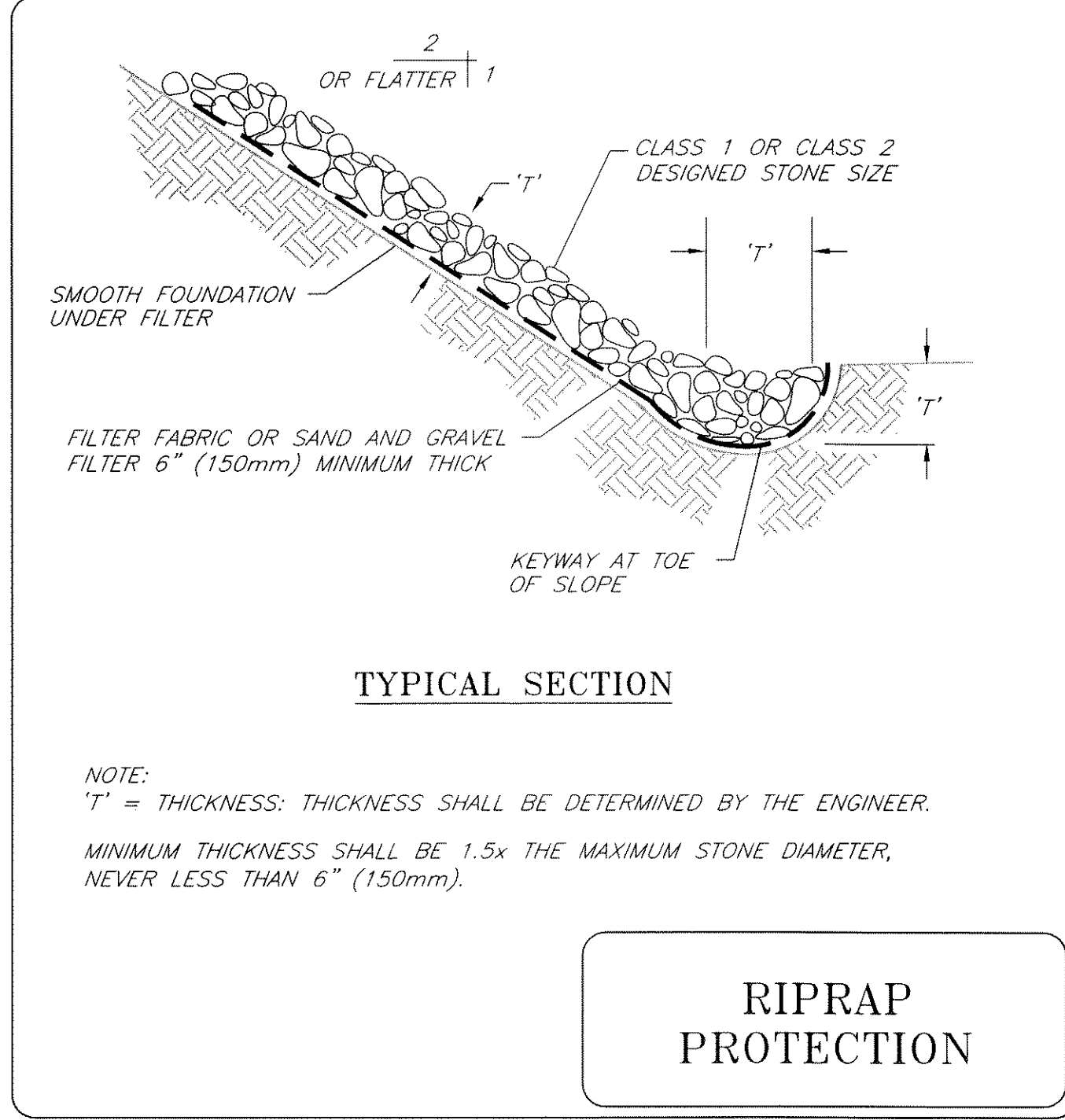
## EMBANKMENT SEEDING MIXTURE

| Species       | Varieties            | Lb. Per Acre |
|---------------|----------------------|--------------|
| Flatpea       | Lathco               | 10.0         |
| Perennial Pea | Lancer               | 2.0          |
| Crownvetch    | Pennigitt, Chemug    | 10.0         |
| Tall Fescue   | Ky-31, Rebel, Ken-Hi | 10.0         |

### STABILIZATION NOTES:

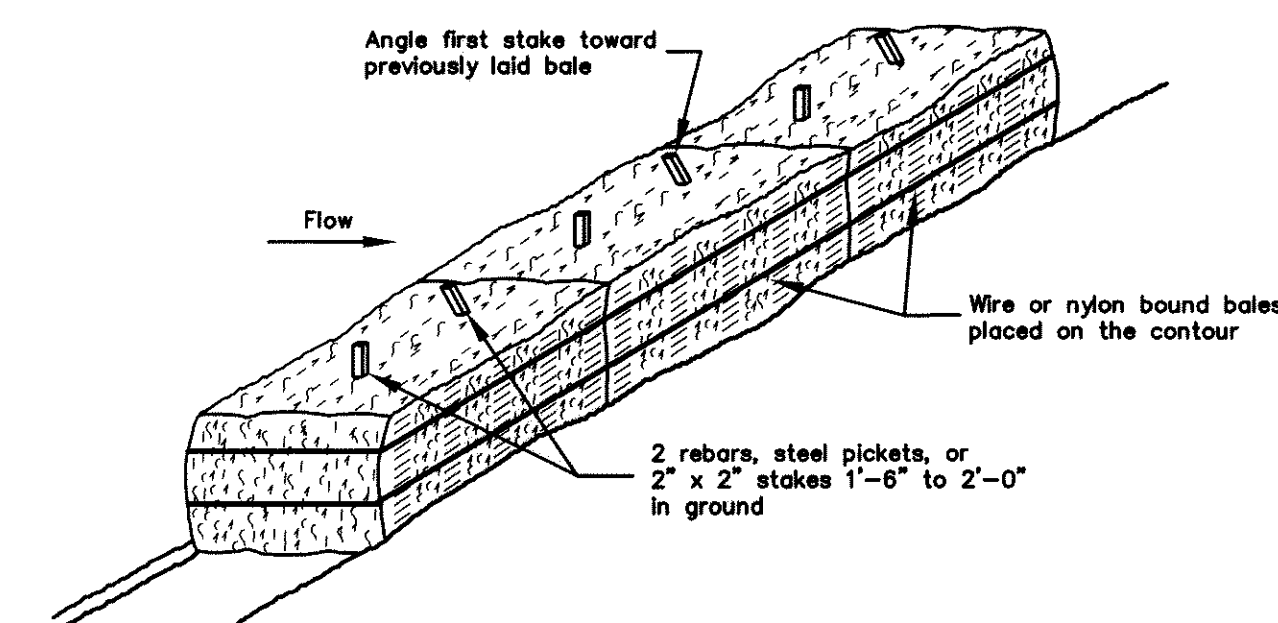
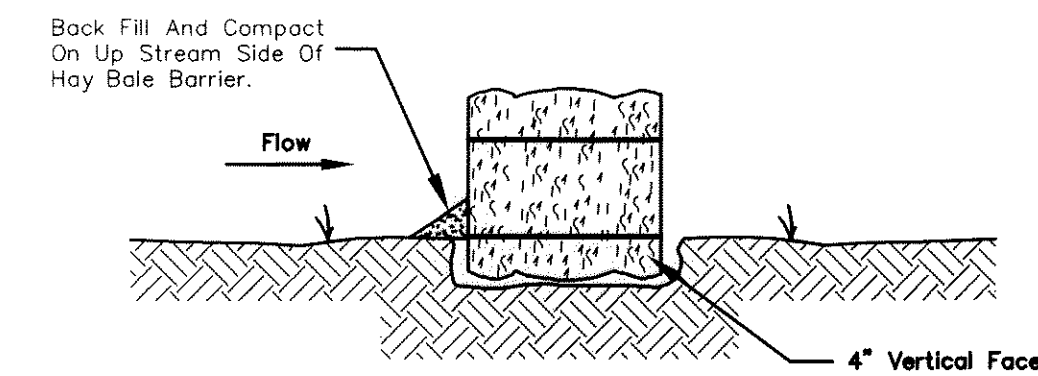
Waterways Shall Be Stabilized In Accordance With The Appropriate Standard And Specification For Vegetative Measures.

1. All Trees, Brush, Stumps, Obstructions And Other Objectionable Material Shall Be Removed And Disposed Of So As Not To Interfere With The Proper Functioning Of The Waterway.
2. The Waterway Shall Be Excavated Or Shaped To Line, Grade, And Cross Section As Required To Meet The Criteria Specified Herein, And Be Free Of Bank Projections Or Other Irregularities Which Will Impede Normal Flow.
3. Fills Shall Be Compacted As Needed To Prevent Unequal Settlement That Would Cause Damage In The Completed Waterway.
4. All Earth removed and Not Needed In Construction Shall Be Spread Or Disposed Of So That It Will Not Interfere With The Functioning Of The Waterway.
5. Construction Operations Shall Be Carried Out In Such A Manner That Erosion And Air and Water Pollution Will Be Minimized. State and Local Laws Will Be Complied With.
6. Stabilization Shall Be Done According To The Appropriate Standard And Specifications For Vegetative Practices.



### Erosion Control Notes

1. Install silt fence as shown on the drawings and at the limit of clearing for all site work and above all water courses to protect against erosion from construction. Install along contour with guidelines provided in latest edition of MDEP BMP manual and in accordance with details. Maintain silt fence until disturbed areas have established vegetative cover.
2. Construct a construction entrance at the intersection of the project entrance and the Town Road to limit the amount of vehicle tracking from the site during construction.
3. Prior to construction the contractor shall prepare and submit a schedule and marked up plan indicating the progress of the work and the timing for stabilizing disturbed areas. Special attention shall be given to the 14-day limit between disturbance and stabilization.
4. All disturbed areas shall be stabilized or provided with temporary erosion control within 14-days of disturbance. During winter conditions, all disturbed areas shall be stabilized with 7-days of disturbance.
5. All disturbed areas within 100 feet of any protected water course shall be stabilized or provided with temporary erosion control within 48-hours of disturbance.
6. Temporary erosion control shall include erosion control blankets or mulch. Apply hay or straw mulch at a rate of 2 square bales per 1,000 sq. ft. to form a continuous cover over bare soil. Maintain mulch cover by wetting or placing netting over mulch.
7. Erosion control blanket shall be used in all ditches and on disturbed slopes in excess of 15% grade.
8. All disturbed areas that do not receive final seeding by September 15th of the construction year shall receive a winter rye seeding at the rate of 3 lbs. per 1,000 sq. ft. A heavy layer (4") of hay or straw mulch shall also be applied.
9. All disturbed areas shall receive 4" of loam. The loam shall be seeded, fertilized and mulched at the rates shown in the notes.
10. All erosion control devices, check dams, silt fence, etc. shall remain in place and be maintained until grass has become 85% established.
11. Additional erosion control may be required by the municipality and/or the Maine DEP to stop soil from leaving the site. Any additional erosion control required will be the responsibility of the contractor.
12. The contractor shall inspect and repair all erosion control measures after each rainfall and shall keep a log of these events.
13. The contractor shall repair and re-seed all eroded areas within 1-year of the date of substantial completion of the work. Repair work shall be completed within 14-days of notification.



## CONSTRUCTION SPECIFICATIONS

1. Bales shall be Placed in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 4"
3. Bales shall be securely anchored in place by stakes or rebars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

## Straw Or Hay Bale Barrier Detail

Not To Scale

|                          |           |                   |        |           |
|--------------------------|-----------|-------------------|--------|-----------|
| No.                      | Revisions | Date              | App'd. |           |
| NORTH AUGUSTA MARKET     |           |                   |        |           |
| 670 CIVIC CENTER DRIVE   |           | AUGUSTA, MAINE    |        |           |
| EROSION CONTROL DETAILS  |           |                   |        |           |
|                          |           |                   |        | Sheet No. |
| Checked By: BB           |           | Scale: AS NOTED   |        | 3         |
| Date: 1/7/11             |           | Date: 1/7/11      |        |           |
| Approved By: [Signature] |           | Date: 1/7/11      |        |           |
| File No. 84-10-OPT2.DWG  |           | Project No. 84-10 |        | 7         |